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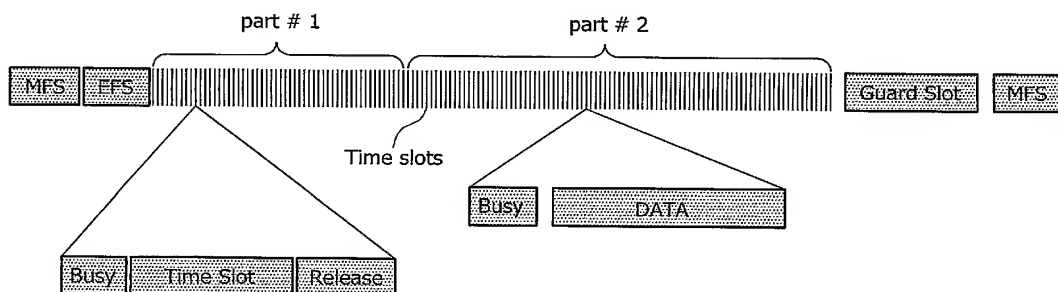
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- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-  
damm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US):  
**KONINKLIJKE PHILIPS ELECTRONICS N. V.**  
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven  
(NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **DALMASES, Francese** [ES/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **KAHLERT, Joachim** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). **VOLLMER, Thomas** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) Agents: **MEYER, Michael** et al.; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
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(54) Title: A METHOD OF DISTRIBUTED ALLOCATION FOR A MEDIUM ACCESS CONTROL, A METHOD FOR RE-ORGANIZING THE SEQUENCE DEVICES ACCESS A MEDIUM, A METHOD FOR AVOIDING COLLISION, A METHOD OF SYNCHRONIZING DEVICES IN A SHARED MEDIUM AND A FRAME STRUCTURE



(57) Abstract: A method of distributed medium access control wherein a device that intends to send data first monitors the medium, then pre-occupies a slot and only in case a collision has not occurred starts sending the data. A method for re-organizing the device's sequence for the medium access by using a busy priority signal wherein the device with the highest priority occupies the unused slot and updates its slot number accordingly. A method for avoiding collision wherein a guard slot is generated just before the beginning of the MFS. A method for synchronizing a device by sensing the medium for a MFS or an EFS. A frame structure with a MFS, an EFS and a transmission portion with both a part for real-time and a part for non real-time transmission.



WO 2005/078980 A2